

Comparisons of Job Characteristics

Focus Occupation: Physician Assistants (29-1071)
Associated Occupation: Registered Nurses (29-1111)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Physician Assistants (29-1071)
Associated Occupation: Registered Nurses (29-1111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Psychology	6.4	19.5	18.3	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	18.5	17.9	0	Current knowledge level may be sufficient
Medicine and Dentistry	3.7	17.8	22.5	>>	Current knowledge level is likely more than sufficient
Therapy and Counseling	3.8	16.2	17.5	0	Current knowledge level may be sufficient
Education and Training	9.2	14.7	10.9	<<	Extensive education and/or training may be required
Biology	3.7	13.3	19.4	>>	Current knowledge level is likely more than sufficient
Sociology and Anthropology	4.1	12.1	10.2	<	Expanded education and/or training may be required
Chemistry	4.8	9.8	11.7	>	Current knowledge level is likely sufficient
Philosophy and Theology	3.2	9.2	6.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Physician Assistants (29-1071)
Associated Occupation: Registered Nurses (29-1111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Social Perceptiveness	9.1	14.9	13.5	<	A higher skill level may be required
Monitoring	9.9	13.6	12.6	0	Current skill level may be sufficient
Service Orientation	7.9	12.7	12.8	0	Current skill level may be sufficient

Judgment and Decision Making	9.4	12.5	13.8	>	Skill level is likely sufficient
Active Learning	8.7	12.2	10.7	<	A higher skill level may be required
Coordination	9.1	12.2	11.4	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 97			
Focus Occupation: Physician Assistants (29-1071) Associated Occupation: Registered Nurses (29-1111)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	17.3	16.0	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.3	15.0	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.0	15.0	0	Current ability level may be sufficient
Speech Recognition	9.9	13.5	11.0	<	Some improvement in abilities may be required
Information Ordering	9.9	12.8	11.8	0	Current ability level may be sufficient
Flexibility of Closure	7.8	10.9	9.1	<	Some improvement in abilities may be required
Speed of Closure	5.9	9.5	8.7	0	Current ability level may be sufficient
Memorization	5.6	8.1	6.2	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 93
Focus Occupation: Physician Assistants (29-1071) Associated Occupation: Registered Nurses (29-1111)		
Work Activities	Exclusivity of Activity	
Administer injections	60	
Administer medications or treatments	46	
Assist in examining or treating dental or medical patients	84	
Collect clinical data	56	
Communicate technical information	4	
Conduct patient assessments	69	
Explain testing procedures to patient	87	
Instruct on topics such as health education or disease prevention	92	
Interpret medical laboratory test results	72	
Inventory medical supplies or instruments	67	
Maintain dental or medical records	64	

Order medical laboratory tests	76
Prepare patient reports	66
Prepare patients for tests, therapy, or treatments	70
Prepare supplies or equipment for surgery	89
Recognize childhood diseases	78
Record medical history or data	68
Take vital signs	56
Treat medical condition of patient	75
Understand properties or composition of drugs	64
Use clinical problem solving techniques	69
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use medical lab techniques	81
Use sanitation practices in health care settings	48
Weigh patients	75

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 86

Focus Occupation: Physician Assistants (29-1071)
Associated Occupation: Registered Nurses (29-1111)

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Ambulation and transfer and positioning aids for the physically challenged	27
Anesthesia apparatus and accessories and supplies	47
Audio and visual equipment	4
Blood pressure units and related products	11
Casting and splinting supplies	25
Casting equipment and parts and accessories	47
Computer printers	2
Computers	1
Content authoring and editing software	1
Diagnostic assessment and exam products for general use	21
Electrocardiography EKG units and related products	20
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Floor grade instruments	30
Hearing testing products	31
Industry specific software	1
Information exchange software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22

Intravenous infusion pumps and its analyzers and sensors and its accessories	31
Intubation supplies	21
Laboratory microscope slides and supplies	20
Medical suction and vacuum products	33
Medical ultrasound and doppler and echo imaging products	19
Nasoenteric tubes	43
Network applications software	1
Neurological exam products	30
Open heart perfusion equipment and monitors and accessories and related products	43
Ophthalmic diagnostic exam products	27
Orthopedic softgoods for lower extremity	33
Orthopedic softgoods for upper extremity and torso	35
Orthopedic traction supplies and accessories	40
Patient point of care testing supplies and equipment	23
Positive mechanical pressure ventilators and accessories	31
Pulmonary function testing and treatment products	24
Pulse oximeters	18
Rehabilitation exercise devices and equipment	24
Respiratory humidity and aerosol therapy products	31
Respiratory monitoring products	29
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Surgical cutting instruments and snares and related products	24
Surgical equipment and accessories and related products	23
Surgical retractors and related products	43
Suture and related products	23
Suture and surgical tissue closure instruments and related products	33
Syringes and accessories	14
Thoracentesis products	47
Vascular imaging and interventional cardiology and cardiac catheterization lab products	40
Viewing and observing instruments and accessories	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.